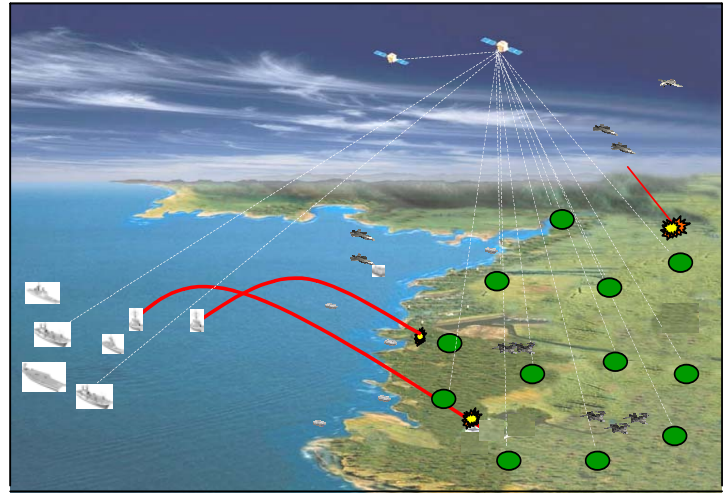


Netted Iridium

Purpose: To develop a *scaleable, secure, global* netted voice and data communications capability. Netted Iridium has the potential to alleviate the acute tactical satellite communications gap currently experienced by the U.S. Military.

Background: Building on the success of ETCS, this initiative was started to address the scalability problem of ETCS. Currently being used in Iraq and CJTF Horn of Africa, ETCS is currently limited in the amount of voice systems allowed to operate inside one spot beam. Netted Iridium is planned to alleviate this restriction.

Description: This initiative will examine a new Netted Iridium system to supercede ETCS. The initiative will include development, testing, user evaluation and SV 08. Phase 1 (FY06) will produce a tactical level, highly scalable solution (25000 users, 1000 nets projected) that will cover portions of a theater AOR (approximately 150 mile diameter area). Phase 2 (FY07) will provide a scalable, global solution. This technology will have a direct contribution to Distributed Operations/Small Unit Enhancement.



Deliverable Products: A prototype system to transition to Marine Corps Systems Command.

Milestones:

TASK	FY06	FY07	FY08
Phase I LTA	▲		
Phase II LTA #2	▲		
Phase II Development	▲	▲	
Phase II LTA		▲	
LOA/Extended User Evaluation		▲	▲

POC: (703) 784-1335